



# 4th International Electronic Conference on Water Sciences

13–29 November 2019

Chaired by Prof. Dr. Marco Franchini and  
Prof. Dr. Bruno Brunone

## Message from the conference chair

We are pleased to welcome you to the 4th International Electronic Conference on Water Sciences (ECWS-4), which will be held online, promoted by the open-access journal *Water*.

<https://sciforum.net/conference/ECWS-4>

In the last few years, three International Electronic Conferences on Water Sciences (ECWS-1, ECWS-2, and ECW-3) have addressed important water-related aspects. A fourth conference, aimed at deepening the discussion on issues of the urban hydraulic cycle (UHC), is needed, with the attention focused on water resources availability and exploitation and related management and works, drinking water processes, supply and water distribution systems, storm and sanitary sewers, and wastewater treatments.

Climate change can alter the balance between the different components of the hydrological cycle. The induced variability may affect water resources availability, people's lifestyle, and the behavior of water systems as a whole. It is necessary to introduce new models, processes, and methodologies for better (a) understanding how to exploit the available water resources and maintaining a sustainable regime of water use; (b) improving drinking water quality and sanitation, particularly in developing countries; (c) managing the water supply and distribution systems to reduce energy consumption and leakages, ensuring good quality; (d) designing, monitoring, and operating sanitary, storm, and combined sewers avoiding pollutant dispersion in the environment and urban floods; and (e) developing new wastewater treatments and processes to improve the water quality returned to the environment.

The ECWS-4 invites researchers from the academia as well as from the industry to contribute with novel ideas and experiences to deal with processes within the context of UHC, making references to the following topics framed in a climate changing environment with a special focus on sustainability:

- Managing Water Resources from Aquifers, Rivers and Lakes (Prof. Felipe De Barros)
- Drinking Water Treatments and Processes with Special Focus on Developing Countries (Prof. Paola Verlicchi)
- Water Supply and Distribution Systems (Prof. Yves Filion and Prof. Dominic Boccelli)
- Sanitary, Storm and Combined Sewers and Related Control Works (Prof. Corrado Gisogni and Prof. Rita F. Carvalho)
- Wastewater Treatment Modeling, Optimization and Control (Prof. Panagiotis G. Kougias)

## Time Schedule & Deadlines

|  |                                  |
|--|----------------------------------|
| Abstract Submission Deadline:            | 15th September 2019              |
| Conference Date:                         | 13th November~29th November 2019 |
| Conference Special Issue Paper Deadline: | 28th February 2020               |

## Conference Committee

### Chair

Prof. Dr. Marco Franchini  
Prof. Dr. Bruno Brunone

### Scientific Committee

Prof. Dr. Felipe de Barros  
Prof. Dr. Paola Verlicchi  
Prof. Dr. Yves Filion  
Prof. Dr. Dominic Boccelli  
Prof. Dr. Corrado Gisogni  
Prof. Dr. Rita F. Carvalho  
Prof. Dr. Panagiotis G. Kougias

### ECWS-4 2019 Secretary

Ms. Vanessa Sun  
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*Water*,  
an Open Access Journal by MDPI

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## Benefits of Participating the Electronic Conference

- All the proceedings are published online in OPEN ACCESS format
- Anyone who has access to internet can attend it
- no registration fees
- no cost to publish the proceedings on the platform
- Flexible – Time
- 20% discount on the Article Processing Charges if the authors choose to publish their extended version in the journal (*Water*: <http://www.mdpi.com/journal/water>)

## Call for papers

The 4th International Electronic Conference on Water Sciences (ECWS-4) will be held from 13 to 29 November 2019 online. This event enables the researchers of research field to present their research and exchange ideas with their colleagues without the need to travel. All proceedings will be published on the conference homepage in open access format.

The conference will be completely free of charge—both to attend and for scholars to upload and present their latest work on the conference platform. Selected papers presented in ECWS-4 will be published in a Special Issue of journal *Water* undergone a full peer-review (ISSN 2073-4441; Impact Factor: 2.524 (2018) with a 20% discount on the APCs); ECWS-4 offers you the opportunity to participate in this international, scholarly conference without having the concern or expenditure of travel — all you need is your computer and access to the Internet. We would like to invite you to “attend” this conference and present your latest work.

Abstracts (in English) should be submitted by 15 September 2019 online at <http://www.sciforum.net/login>. For accepted abstracts, the full paper can be submitted by 31 October 2019. The conference itself will be held 13-29 November 2019.

We hope you will be able to join this exciting event and support us in making it a success. ECWS-4 is organized and sponsored by MDPI, a scholarly open access publisher based in Basel, Switzerland.

## Conference Secretary Office

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